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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/700,259A

DATE: 03/07/2002
TIME: 15:40:30

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Output Set: N:\CRF3\03072002\I700259A.raw

3 <110> APPLICANT: CANCER RESEARCH CAMPAIGN TECHNOLOGY LIMITED, et al
5 <120> TITLE OF INVENTION: IONIZING RADIATION OR DIATHERMY-SWITCHED GENE THERAPY
6 VECTORS AND THEIR USE IN ANTITUMOUR THERAPY
8 <130> FILE REFERENCE: PCT/GB99/01362
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/700,259A
C--> 11 <141> CURRENT FILING DATE: 2002-02-19
13 <150> PRIOR APPLICATION NUMBER: GB 9810423.5
14 <151> PRIOR FILING DATE: 1998-05-15
16 <160> NUMBER OF SEQ ID NOS: 12
18 <170> SOFTWARE: PatentIn Ver. 2.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 10
22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
27 single stranded oligonucleotide used in tandem
28 arrays to provide radiation responsive promoter
29 elements.
31 <400> SEQUENCE: 1
32 ccttatttgg 10
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 69
37 <212> TYPE: DNA
38 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
42 single stranded oligonucleotide containing 6
43 repeats of SEQ ID NO: 1.
45 <400> SEQUENCE: 2
46 gatctcctta tttggcctta tttggcctta tttggcctta tttggcctta tttggcctta 60
47 ttgggcgat 69
50 <210> SEQ ID NO: 3
51 <211> LENGTH: 64
52 <212> TYPE: DNA
53 <213> ORGANISM: Artificial Sequence
55 <220> FEATURE:
56 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
57 single stranded oligonucleotide sequence
58 complementary to SEQ ID NO:2.
60 <400> SEQUENCE: 3
61 cgcccaaata aggccaaata aggccaaata aggccaaata aggccaaata 60
62 agga 64

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65 <210> SEQ ID NO: 4
66 <211> LENGTH: 48
67 <212> TYPE: DNA
68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
72 single stranded oligonucleotide containing 4
73 repeats of SEQ ID NO: 1.
75 <400> SEQUENCE: 4
76 gatctttatt tggccttatt tggccttatt tggccttatt tggcgat 48
79 <210> SEQ ID NO: 5
80 <211> LENGTH: 44
81 <212> TYPE: DNA
82 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic
86 single stranded oligonucleotide sequence
87 complementary to SEQ ID NO: 4.
89 <400> SEQUENCE: 5
90 cgccaaata aggccaaata aggccaaata aggccaaata agga 44
93 <210> SEQ ID NO: 6
94 <211> LENGTH: 36
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer for PCT
100 amplification of enhancer/promoter sequence of
101 human primary response gene egr-1/T1S8.
103 <400> SEQUENCE: 6
104 tccagatctc ccgttcgct ctcacggtcc ctgagg 36
107 <210> SEQ ID NO: 7
108 <211> LENGTH: 32
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer for PCT
114 amplification of enhancer/promoter sequence of
115 human primary response gene egr-1/T1S8.
117 <400> SEQUENCE: 7
118 cggcgccg ctggatctct cgcgactccc cg 32
121 <210> SEQ ID NO: 8
122 <211> LENGTH: 42
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer for PCT
128 amplification of enhancer sequence of human
129 primary response gene egr-1/T1S8.
131 <400> SEQUENCE: 8

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132 actgcgatcg cggccccggc ccggcccgca tcccaggccc cc 42
135 <210> SEQ ID NO: 9
136 <211> LENGTH: 26
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer Clatk
for PCR amplification of Thymidine kinase gene.
144 <400> SEQUENCE: 9
145 ccatcgatat ggcttcgtac cccggc 26
148 <210> SEQ ID NO: 10
149 <211> LENGTH: 40
150 <212> TYPE: DNA
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer tkNot
for PCR amplification of Thymidine kinase gene.
157 <400> SEQUENCE: 10
158 aaggaaaaaa gcggccgcct cttccgtgt ttcagttac 40
161 <210> SEQ ID NO: 11
162 <211> LENGTH: 83
163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
168 single stranded oligonucleotide used to produce
169 double stranded molecules containing the hypoxia
170 responsive region of the Enolase-1 gene promoter.
172 <400> SEQUENCE: 11
173 gatcttaggc cggacgtggg gccccgtagg cacgctgagt gcgtgcggga ctggaggta 60
174 gtgacggagc cccgcgtgc gat 83
177 <210> SEQ ID NO: 12
178 <211> LENGTH: 77
179 <212> TYPE: DNA
180 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
184 single stranded oligonucleotide used to produce
185 double stranded molecules containing the hypoxia
186 responsive region of the Enolase-1 gene promoter.
188 <400> SEQUENCE: 12
189 cgcatcgccg ggctccgtca cgtactccga gtcccgacg cactcagcgt gcctacgggg 60
190 ccccacgtcc ggcccta 77

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/700,259A

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L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date